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0	For receiving Office use only						
0-1	International Application No.	PCT/EP03/15004					
0-2	International Filing Date	1.0 DEC 2003 (10. 12. 2003)					
0-3	Name of receiving Office and "PCT International Application"	EUROPEAN PATENT OFFICE PCT INTERNATIONAL APPLICATION					
0-4	Form - PCT/RO/101 PCT Request	T					
0-4-1	Prepared using	Dam 73 av 17 0 00					
U-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.07.2003)					
0-5	Petition						
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty						
0-6	Receiving Office (specified by the applicant)	European Patent Office (EPO) (RO/EP)					
0-7	Applicant's or agent's file reference	GCN/PG5043					
1	Title of invention	GENE POLYMORPHISMS					
II	Applicant						
11-1	This person is:	applicant only					
II-2	Applicant for	all designated States except US					
11-4	Name	GLAXO GROUP LIMITED					
11-5	Address:	Glaxo Wellcome House					
		Berkeley Avenue					
		Greenford, Middlesex UB6 0NN					
		United Kingdom					
11-6	State of nationality	GB					
11-7	State of residence	GB					
11-8	Telephone No.	020 8047 5000					
11-9	Facsimile No.	020 8047 6894					
111-1	Applicant and/or inventor						
III-1-1	This person is:	applicant and inventor					
III-1-2	Applicant for	US only					
III-1- 4	Name (LAST, First)	BOYD, Peter, Robert					
III-1-5	III-1-5 Address: GlaxoSmithKline						
		Gunnels Wood Road					
	Stevenage, Hertfordshire SG1 2NY						
		United Kingdom					
III-1-6	State of nationality	GB					
III-1-7	State of residence	GB					





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III-2	Applicant and/or inventor					
111-2-1	This person is:	applicant and inventor				
111-2-2	Applicant for	US only				
111-2-4	Name (LAST, First)	PURVIS, Ian, James				
111-2-5	Address:	GlaxoSmithKline				
		New Frontiers Science Park South				
		Third Avenue				
		Harlow, Essex CM19 5AW				
		United Kingdom				
111-2-6	State of nationality	GB				
111-2-7	State of residence	GB				
111-3	Applicant and/or inventor					
111-3-1	This person is:	applicant and inventor				
111-3-2	Applicant for	US only				
111-3-4	Name (LAST, First)	STUBBINS, Michael, James				
111-3-5	Address:	GlaxoSmithKline				
		New Frontiers Science Park South				
		Third Avenue				
		Harlow, Essex CM19 5AW				
		United Kingdom				
III-3-6	State of nationality	GB				
111-3-7	State of residence	GB				
111-4	Applicant and/or inventor					
111-4-1	This person is:	applicant and inventor				
111-4-2	Applicant for	US only				
111-4-4	Name (LAST, First)	YEO, Astrid, Johanna, Maria				
111-4-5	Address:	GlaxoSmithKline				
		New Frontiers Science Park South				
		Third Avenue				
		Harlow, Essex CM19 5AW				
		United Kingdom				
111-4-6	State of nationality	NL				
111-4-7	State of residence	GB				



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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent international Authorities as:	agent					
IV-1-1	Name (LAST, First)	NASH, Guy, Cameron					
IV-1-2	Address:	GlaxoSmithKline					
		Corporate Intellectual Property (CN925.1) 980 Great West Road Brentford, Middlesex UB6 ONN					
	L	United Kingdom					
IV-1-3	Telephone No.	020 8047 4484					
IV-1-4	Facsimile No.	020 8047 6894 ·					
V	Designation of States						
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT					
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					

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V-5	Precautionary Designation Statement		
	In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15		•
	months from the priority date is to be regarded as withdrawn by the applicant		
	at the expiration of that time limit.		
V-6	Exclusion(s) from precautionary designations	NONE	
VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	13 December 2002 (13.	.12.2002)
VI-1-2	Number	0229139.1	
VI-1-3	Country	GB	
_			
VII-1	International Searching Authority Chosen	European Patent Offic	ce (EPO) (ISA/EP)
VII-1	Chosen Declarations	European Patent Offic	ce (EPO) (ISA/EP)
VII-1 VIII VIII-1	Chosen Declarations Declaration as to the identity of the inventor	-	ce (EPO) (ISA/EP)
VII-1	Chosen Declarations Declaration as to the identity of the	Number of declarations	ce (EPO) (ISA/EP)
VII-1 VIII VIII-1	Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	Number of declarations	ce (EPO) (ISA/EP)
VIII-1 VIII-1 VIII-2	Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America)	Number of declarations	ce (EPO) (ISA/EP)
VII-1 VIII VIII-1 VIII-2 VIII-3	Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filling date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filling date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the	Number of declarations	
VII-1 VIII-1 VIII-2 VIII-3 VIII-4 VIII-5	Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list	Number of declarations	electronic file(s) attached
VII-1 VIII-1 VIII-2 VIII-3 VIII-4 VIII-5	Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	Number of declarations	
VII-1 VIII-1 VIII-2 VIII-3 VIII-4 VIII-5	Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list	Number of declarations number of sheets 5 23	electronic file(s) attached
VII-1 VIII-1 VIII-2 VIII-3 VIII-4 VIII-5	Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets)	Number of declarations	electronic file(s) attached
VII-1 VIII-1 VIII-2 VIII-3 VIII-4 VIII-5 IX IX-1 IX-2	Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets) Description	Number of declarations	electronic file(s) attached
VII-1 VIII-1 VIII-2 VIII-3 VIII-4 VIII-5 IX IX-1 IX-2 IX-3	Chosen Declarations Declaration as to the identity of the inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets) Description Claims	Number of declarations	electronic file(s) attached



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	Accompanying items	paper document(s) attached	electronic file(s) attached
X-8	Fee calculation sheet	✓	-
K-10	Original general power of attorney	V	-
(-10	Original general power of attorney	✓	-
-10	Original general power of attorney	/	
-10	Original general power of attorney	✓	-
(-11	Copy of general power of attorney	reference no. PCT/EP03/02878	-
(-13	Priority document(s)	Item(s) VI-1	-
-17	PCT-EASY diskette	-	Diskette
-19	Figure of the drawings which should accompany the abstract		
-20	Language of filing of the international application	English	
(-1	Signature of applicant, agent or common representative	Guy all	, ,
-1-1	Name (LAST, First)	NASH, Guy Cameron	

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10-1	Date of actual receipt of the purported international application		(10	12. 2003)	10 DEC 2003	
10-2	Drawings:						
10-2-1	Received						
10-2-2	Not received						
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application						
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)						
10-5	International Searching Authority	ISA/E	P				
10-6	Transmittal of search copy delayed until search fee is paid						

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11-1	Date of receipt of the record copy by	l	_
	the International Bureau		